US ARMY PEO EIS
PEO Enterprise Information Systems

Project Manager
Transportation Information Systems

TC-AIMS II New Material In Briefing and Site Survey

30th HVY Fielding and 150 ARS Fielding

29 August 2006

Presented by
Ms. Cora Pollard
COI, PM TIS

Agenda

- Transportation Information Systems Joint Program Management Office (TIS JPMO)
- TC-AIMS II requirements and acquisition strategy
- TC-AIMS II capabilities
- TC-AIMS II Basis of Issue
- Fielding planning information

NMIB/Site Survey Schedule

Date	Time	Activity	Personnel to Attend
Day 1	0900-1130	TC-AIMS II Fielding and Business Process Briefings	FORSCOM, ITO, NGB, G3/4, FORCEMOD Rep, all DST's, DOIM and JPMO
	1300-1700	NGB Planning Session / Distribution List Scrub	FORSCOM, ITO, NGB, FORCEMOD Rep, all DST's and JPMO
Day 2	0900-1130	Coordination visit to DOL, DOIM and ITO	DOL, ITO, NGB, FORSCOM, DOIM and JPMO
	1300-1700	Visit classrooms, storage and work facilities	DOL, NGB, FORSCOM, JPMO and FORCEMOD
Day 3	0900-1130	MOA scrub	Div G3/4, ITO, NGB, FORSCOM and JPMO
	1300-1700	MOA scrub	Div G3/4, ITO, NGB, FORSCOM and JPMO
Day 4	0900-1130	Open Discussion / Out brief	FORSCOM, ITO, NGB, G3/4, FORCEMOD Rep, all DST's, DOIM and JPMO
	1430-1600	Open Discussion / Out brief	FORSCOM, ITO, NGB, G3/4, FORCEMOD Rep, all DST's, DOIM and JPMO

PM Transportation Information Systems

TIS JPMO Focus

Mission:

Develop, field and support enterprise information systems for the joint defense deployment and transportation community

Near-Term Objective:

Evolve TC-AIMS II into a single integrated IT system running multiple deployment and transportation applications to achieve ITV and TAV for Joint Commanders

PM, Transportation Information Systems Programs

Joint Migration Systems

TC-AIMS II
(ACAT IAM)
Transportation Coordinators' - Automated Information for Movements System

AALPS
(ACAT IV)
Automated Airload Planning System

Army Legacy Systems

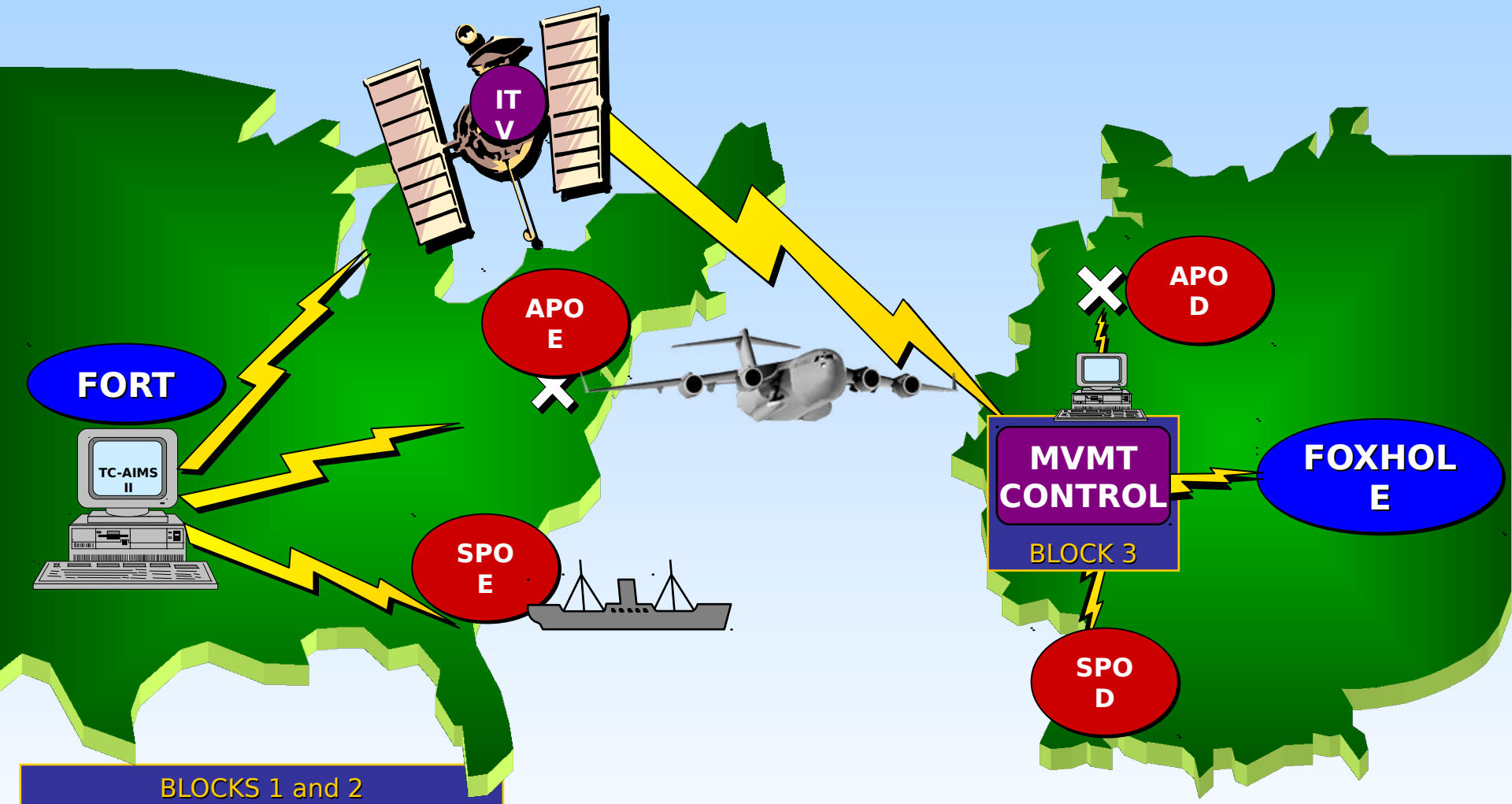
TC ACCIS
Transportation Coordinators Automated Command and Control Information System

TIS-TO
Transportation Information System-
Theater Operations
(Web-based version of DAMMS-R)

DAMMS-R
Department of the Army Movement Management System-Redesign

Requirements and Acquisition Strategy

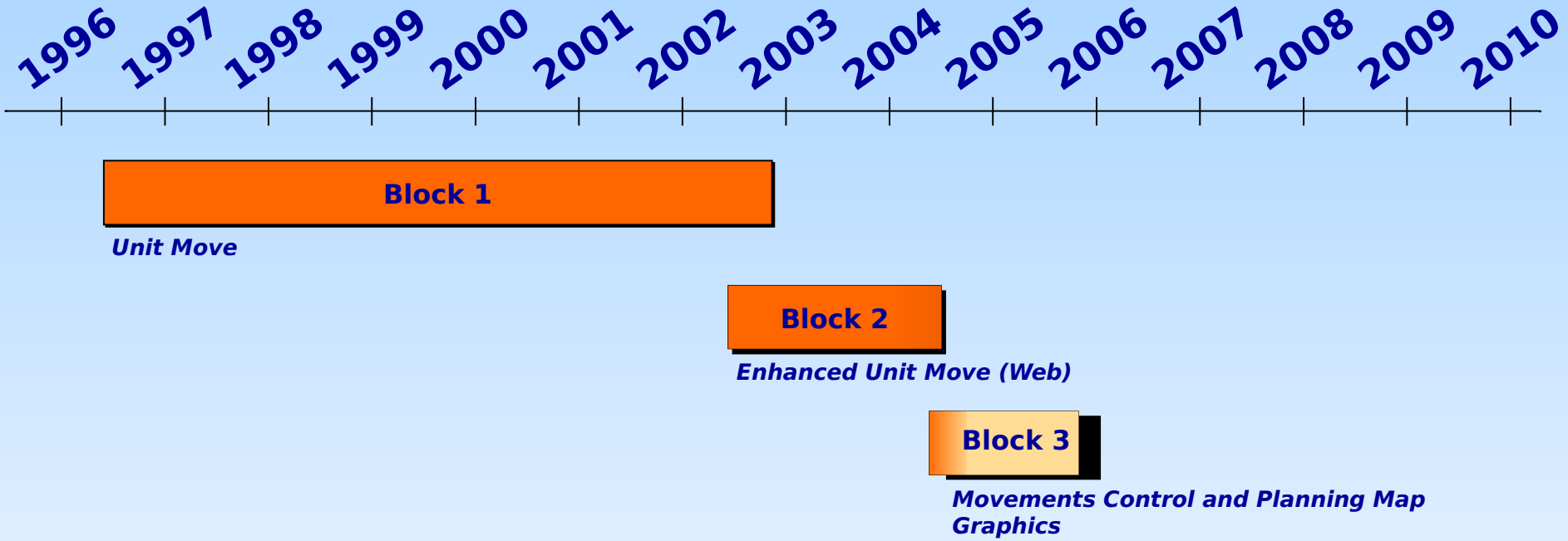
Operational View



BLOCKS 1 and 2

Unit Deployment

TC-AIMS II Acquisition Structure
(Funded Across POM)

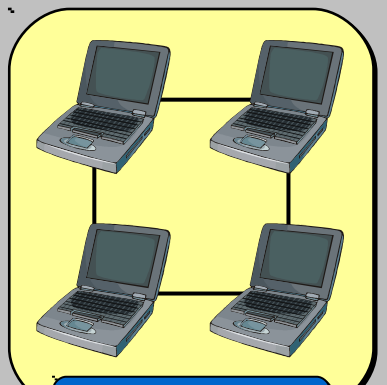


Scaleable System

BLOCK 1

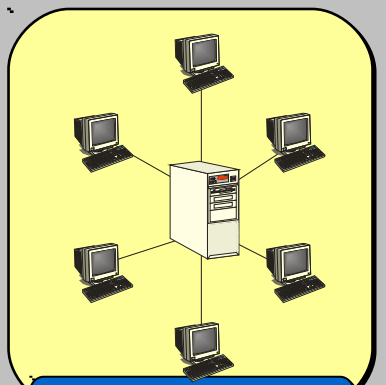
Standalone

- Supports user with limited or no network connectivity
- All TC-AIMS II components are installed on user's machine including the database and application
- Data can be exported to a flat file and shared with other TC-AIMS II databases



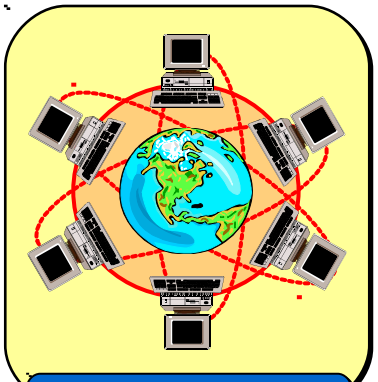
Workgroup

- TC-AIMS II machines connected as a workgroup supports client/server or standalone operations
- Any machine with the database can be the server
- Any machine with the application can be a client
- Supports occasional connection to the tactical network for external system communications



Client/Server

- Supports users with network connectivity
- Each machine on the network is considered a client or a server
- Server machines typically contain only the TC-AIMS II database
- Client machines typically contain only the application and other system components



Web Enabled

- Enterprise System
- Co-hosted applications: TC-AIMS II, AALPS, ICODES, TIS-TO and DS2T
- Server consolidation
- Joint Transportation Reference Information Portal (JTRIP) for data services
- Enhanced context sensitive help

BLOCK 2

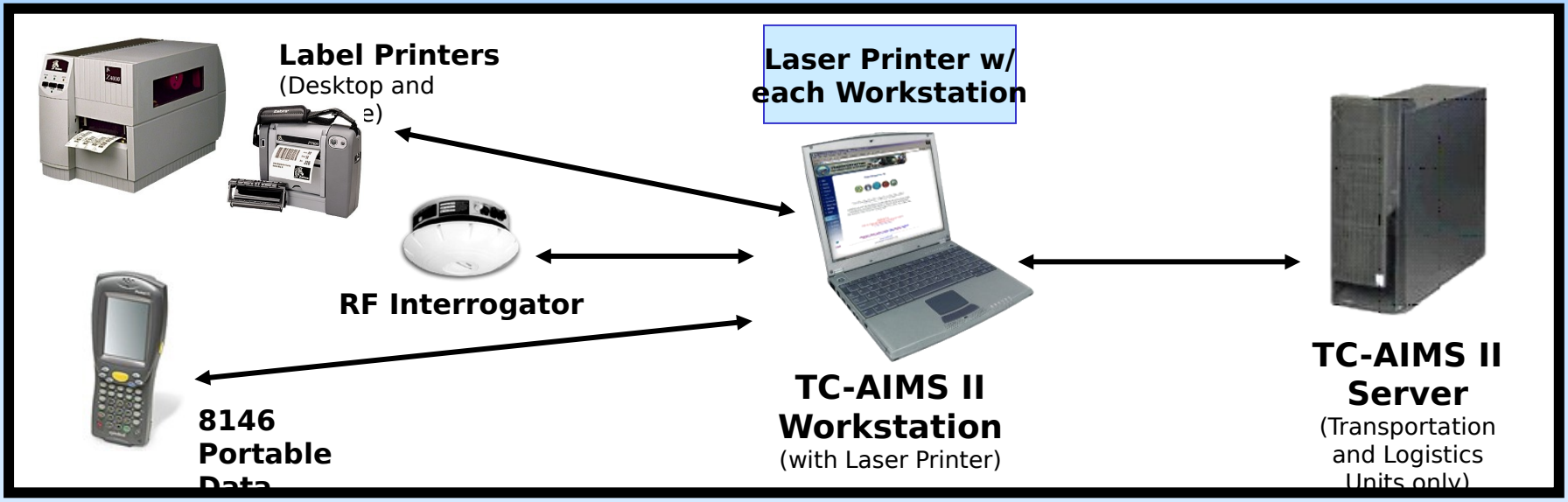
TC-AIMS II Information Assurance

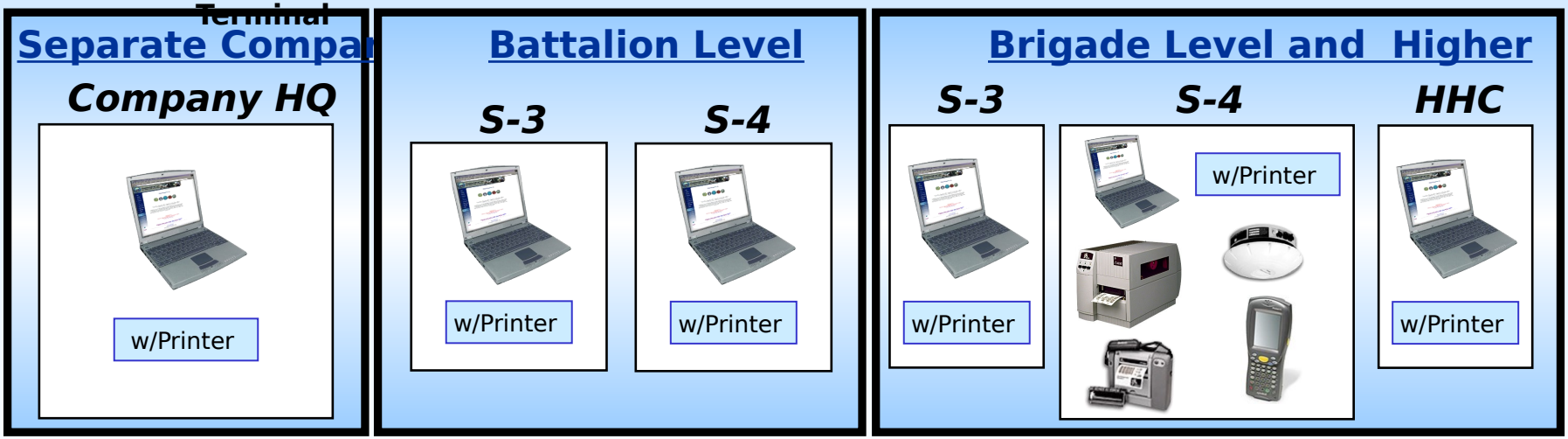
Information Assurance

- System accredited as sensitive but unclassified
- Requires local administration of user TIS accounts
- ACERT process
  - TIS will test and post results on web site http://www.tis.army.mil/help.htm
  - Local SA will apply to local boxes
  - TIS will apply to enterprise
- Will provide download site for documentation within 30 days

TC-AIMS II Basis of Issue Plan and System Support

TC-AIMS II Typical Unit Move Hardware Distribution





30 HVY (NGB) Regional Fielding Distribution Summary

TOE Units Summary

Component	Server C27367	Workstation C27435	Interrogator Set Z52950
Active Army	0	0	0
National Guard	1	23	2
Reserves	0	0	0
Total	1	23	2

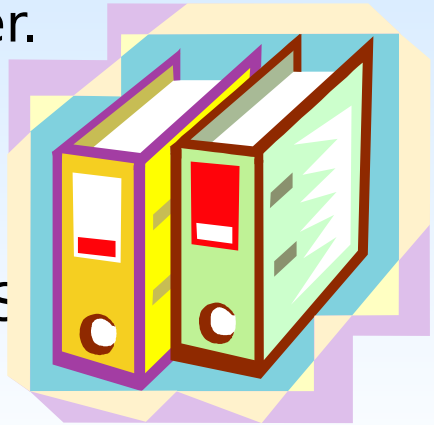
TDA Summary

COMPO	Fixed Server	Tower Server	Laptop Server	Laptop	Printer	Bar Code Printer	Hand Held Interrogator	RFI	Solar RFI
Active Army	0	0	0	0	0	0	0	0	0
National Guard	0	0	0	0	0	0	0	0	0
Reserves	0	0	0	0	0	0	0	0	0

Training

Block 2 Training Courses

- Unit Move I Course
  - 9 training days per class
  - 20 per traditional classroom
  - New TC-AIMS II users
  - General allocation is for UMO's.
- Unit Move II Course
  - 9 training days per class
  - 20 per traditional classroom
  - General allocation is BN level or higher.
- SA/DBA Course
  - 5 training days per class
  - Max. 10 students per class
  - General allocation for CSSAMO's and S



TCAIMSII Unit Move I Course Overview

- Course will train basic TC-AIMS II concepts for:
  - Fundamentals of Deployment
  - Maintaining unit equipment and personnel assets
  - Creating Unit Deployment List for TPFDD and non-TPFDD movements
  - Using AIT to create movement documentation
- Course focus areas:
  - Using TC-AIMS II as a tool to facilitate the business process defined by FORSCOM and DPMO
  - Data quality and accuracy
    - Reviewing data at various points in the deployment process
    - Practical exercise for Asset Management using unit data (aka data completion)

Data Fields
TC-AIMS II vs. TC ACCIS

- TC-AIMS II requires more data than TC ACCIS
  - Trailer data, i.e., trailer type, tongue weight, tongue length
  - Inherent hazards

- TC-AIMS II implements higher standard for mandatory data elements
  - Axle data
  - Bumper number, serial number
  - Pack type code, pallet ID

- TC-AIMS II Data Completion will begin on the fourth day of class in the UM I Course.

TCAIMSII Unit Move II Course Overview

- Course will train basic TC-AIMS II concepts for:
  - Fundamentals of Deployment
  - Creating and executing movement plans for TPFDD and non-TPFDD movements
  - Using AIT to create movement documentation
  - Processing imports and exports from other systems
  - Reviewing movement data during the deployment process

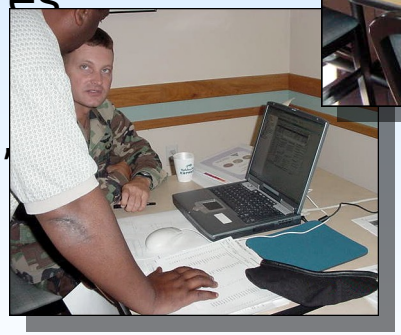
- Course focus areas:
  - Using TC-AIMS II as a tool to facilitate the business process defined by FORSCOM and DPMO
  - Data quality and accuracy reviews

Interactive Multi-Media Training Approach

- Multimedia Training
  - Provides hands-on, self-paced, online training
  - May be accessed from the application via help facilities or in a standalone mode
  - Used as a refresher for trained operators
  - Can be used for new operator under direction of trained supervisor

Deployment Exercise

- Provides a collective training exercise that:
  - Allows organizational users to work in their respective deployment roles
  - Requires coordination with external participants (interfacing systems and activities such as ITO, RRC, or JFHQ)
  - Provides the organizations opportunity to validate its intended deployment process
- Intended to train key users on how to conc their own collective training
- Includes a scenario, procedures checklists and descriptive information to exercise the pre-deployment, deployment, and re-deployment of a Brigade size element



Deployment Exercise Participants

Deployment Participant	# Players	Role Players	Unit
ITO	3	OPS, FREIGHT, ADACG	
CORPS HQS	1	SUPPORTING HQS	
COSCOM HQS	1	SUPPORTING HQS	
COSCOM BN	1	SUPPORTING HQS	
COSCOM UNIT	1	DEPLOYING UNIT	
COSCOM MCT (PORT)	1	DEPLOYING UNIT	
CORPS SEP HQS	1	SUPPORTING HQS	
CORPS SEP BN	1	DEPLOYING UNIT	
CO OF CORPS SEP BN	1	DEPLOYING UNIT	
DIV HQS	1	SUPPORTING HQS	
DIV BDE	1	DEPLOYING UNIT	
DIV BN	1	DEPLOYING UNIT	
DIV CO	2	DEPLOYING UNIT	
USAR RRC	1	SUPPORTING HQS	
USAR UNIT	1	DEPLOYING UNIT	
NGB JFHQ	1	SUPPORTING HQS	
NGB UNIT	1	DEPLOYING UNIT	

Specific units to be provided at NMIB/Site Survey

On-line Training Administration

Army Training Requirements and Resources System (ATRRS)

School code: 026

School name: Transportation Information School

Why ATRRS?

- Early determination for changes to training schedules based on student load
- Provide a record that commanders can review to determine who has been
  TC-AIMS II trained
- Verify student training attendance for calculating promotion points
- Increase attendance from the 30% to 50% levels that occurred with registration at the local level

➢ Provides course information, including training requirements

- Manages class schedule
- Allocates class quotas
- Makes seat reservations
- Reco

Specific class quotas to be determined during site Survey

ATRRS Registration Standards

- **60 Days** prior to class start – **Classes 30% filled**
  - If not, notice from TIS training coordinator to POC's
- **45 Days** prior to class start – **Classes 50% filled**
  - If not, notice from TIS training coordinator identifying potential consolidations or cancellations
- **30 Days** prior to class start – **1st month's classes 70% filled with 100% registered students having Enterprise accounts requested and VARs on file.**
  - If not, notice from TIS training coordinator identifying consolidations and cancellations
- **30 Days** prior to subsequent class start – **Classes 70% filled with 100% registered students having Enterprise accounts requested and VARs on file.**

Preliminary Training Allocations

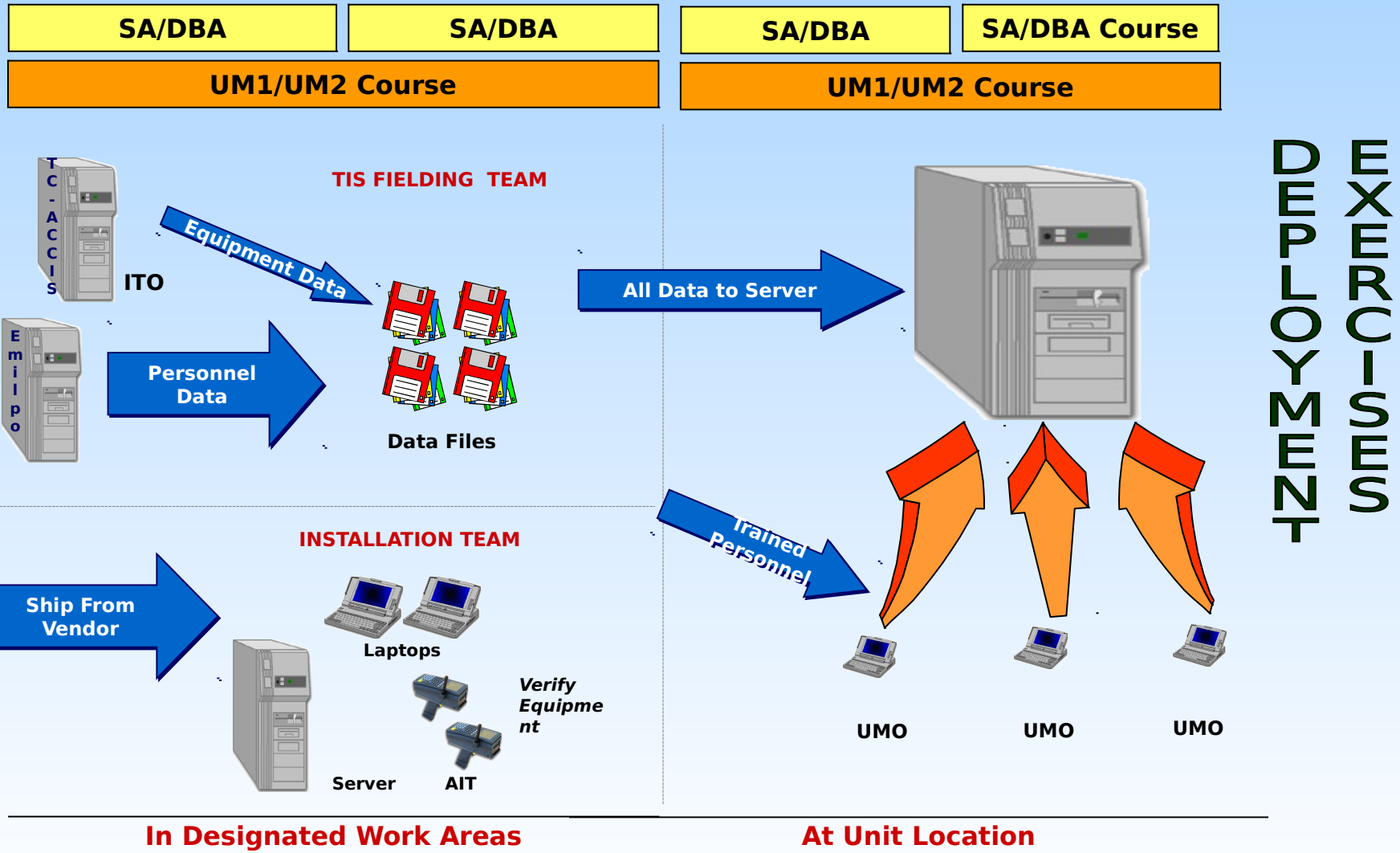
Components	TCAIMSII Net SA/DBA	TCAIMSII Unit Move I	TCAIMSII Unit Move II
Active Army	0	0	0
National Guard	10	17	16
Reserves	0	0	0
Total Students	***0***	***0***	***0***
Total Classes	***1***	***1***	***1***

USER ACCOUNT MANAGER (UAM) RESPONSIBILITIES

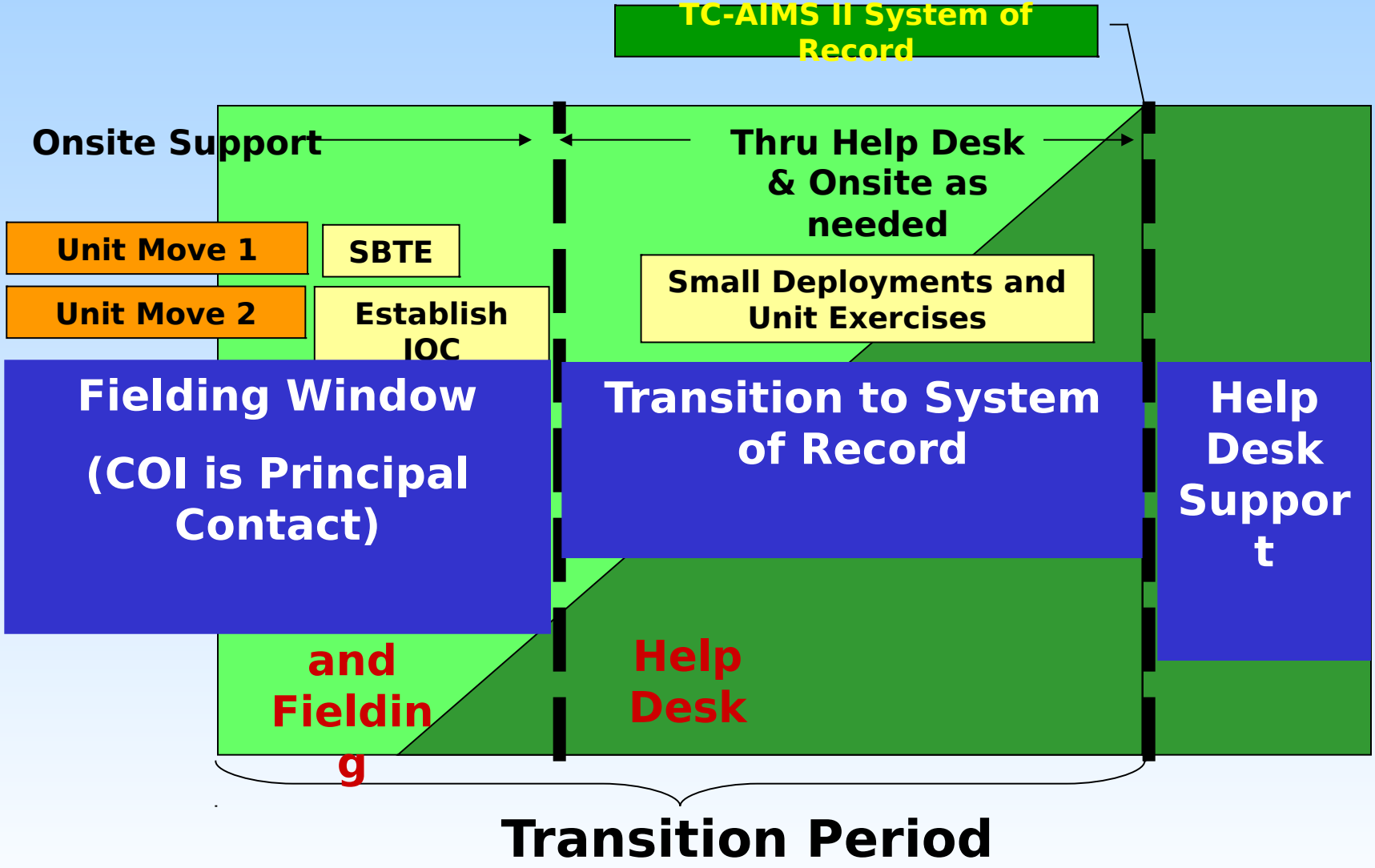
- UAMs should be designated by each brigade (or higher) after the New Material Introductory Brief (NMIB)
- UAMs must be appointed in writing by an 0-6 Commander (This memo needs to be submitted to the TIS Help Desk.)
  - http://www.tis.army.mil/library
- UAMs **must** submit a User Account Request form and make sure a VAR **is** submitted for each student prior to training (Students without accounts will not be able to attend training.)
- UAMs are of the **utmost** importance to successful training

TC-AIMS II Fielding Process

Typical Fielding Process



Transition to System of Record



Fielding Planning Process

Calendar of Events

Action	Start Date	End Date
FCGC/Pre-site Survey	N/A	N/A
FORSCOM/DPMO BP Workshop	29 August 2006	29 August 2006
Staff draft MOA before NMIB	1 August 2006	ongoing
Installation NMIB/Survey	29 August 2006	30 August 2006
Finalize MOA	16 January 2007	16 February 2007
Initial Equipment Set up and Testing	8 January 2007	12 January 2007
Hardware Required Delivery date	2 January 2007	5 January 2007
Establish Job Profiles (user account)	11 September 2006	31 November 2006
Student Names (ATRRS)	September 2006	September 2006
Identify Deployment Exercise Participating Units	14 November 2006	18 November 2006
UM I & UM II (Unit Move I and Unit Move II Course) Training	16 January 2007	8 February 2007
SA/DBA Training	12 February 2007	16 February 2007
Data Completeness	March 2007	March 2007
Deployment Exercise	TBD 2007	TBD 2007
Fielding Complete	TBD 2007	TBD 2007

TC-AIMS Fielding Preparation Process

ACTIVITY	TIMEFRAME
➢ **Site Survey** • NMIB/Executive briefings • Coordinate and schedule fielding activities • Validate HW and training requirements • Complete MOA	➢ **Site Survey** • 120 days before fielding • 1-2 JPMO rep(s) • 3-5 days duration
➢ **JPMO order HW and training**	➢ **75-90 days before fielding**

Site Survey Focus

- Coordinate and schedule all events during fielding period
- Complete these events
  - Conduct executive briefing for commanders
  - Conduct working group brief
  - Conduct working groups
    - Local administrator workshop
    - Installation business process
    - Validate HW and training requirements
    - Schedule units for training
    - Coordinate detailed fielding schedule
    - DOIM/CIO/information assurance
  - Visit proposed facilities
- Finalize Memorandum of Agreement (MoA) for:
  - Hardware distribution
  - Fielding and training schedule

Information Needed at Site Survey

- Installation deployment process information
  - Results of business process workshop
  - Physical move process from unit area until departure from installation
  - Functions performed at key points in the process and TC-AIMS II equipment required at each location
- Organizational structure by UIC
- Proposed facilities for fielding team
- Installation priorities for fielding and training
- Units that may be deployed or unavailable during fielding window
- Recommended changes to the distribution plan

Actions Between NMIB/ Site Survey and Fielding

- JPMO TIS order equipment 90 days prior to first training class
- Register students in ATRRS at least 30 days before training class
- Establish local administrator accounts NLT 90 days prior to start of fielding
- Local administrator submit bulk registration for users NLT 60 days prior to the start of training

TIS Key Personnel

https://www.tis.army.mil/

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